

Title (en)

FIBROUS STRUCTURES WITH LABILE ACTIVE SUBSTANCE

Title (de)

FASERIGE STRUKTUREN MIT LABILER AKTIVER SUBSTANZ

Title (fr)

STRUCTURES FIBREUSES AVEC SUBSTANCES ACTIVES LABILES

Publication

EP 0892674 B1 20050316 (EN)

Application

EP 98904654 A 19980122

Priority

- US 9801284 W 19980122
- US 79168197 A 19970130

Abstract (en)

[origin: WO9833588A1] A fibrous structure (20) comprising a fibrous matrix with immobilized surrogate particles (30), is provided. A labile active substance (32) is selectively deposited on the immobilized surrogate particles (30). In one embodiment, the surrogate particles (30) are porous and have surface cavities, and the labile active substance (32) is deposited in the pores and surface cavities. In another embodiment, the labile active substance (32) is in attractive association with or attached to the surrogate particles (30).

IPC 1-7

B01J 20/02; B01J 20/22; B01J 21/18; B01J 31/00; B01J 23/32; B01J 20/28; B01J 20/32

IPC 8 full level

B01J 20/28 (2006.01); **B01J 20/32** (2006.01); **D04H 1/40** (2006.01); **D06M 11/44** (2006.01); **D06M 13/332** (2006.01)

CPC (source: EP US)

B01J 20/28028 (2013.01 - EP US); **B01J 20/28069** (2013.01 - EP US); **B01J 20/28097** (2013.01 - EP US); **B01J 20/3204** (2013.01 - EP US);
B01J 20/3208 (2013.01 - EP US); **B01J 20/3219** (2013.01 - EP US); **B01J 20/3236** (2013.01 - EP US); **B01J 20/3248** (2013.01 - EP US);
B01J 20/3255 (2013.01 - EP US); **B01J 20/3272** (2013.01 - EP US); **B01J 20/3291** (2013.01 - EP US); **Y10T 428/249953** (2015.04 - EP US);
Y10T 428/249956 (2015.04 - EP US); **Y10T 428/249957** (2015.04 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/254** (2015.01 - EP US);
Y10T 428/29 (2015.01 - EP US); **Y10T 442/653** (2015.04 - EP US); **Y10T 442/699** (2015.04 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9833588 A1 19980806; DE 69829334 D1 20050421; DE 69829334 T2 20060406; EP 0892674 A1 19990127; EP 0892674 A4 20001213;
EP 0892674 B1 20050316; JP 2001517271 A 20011002; US 5952092 A 19990914

DOCDB simple family (application)

US 9801284 W 19980122; DE 69829334 T 19980122; EP 98904654 A 19980122; JP 53296498 A 19980122; US 79168197 A 19970130